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IDW  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Weber, et al.

Examiner: O'Dell, David K.

Application No.: 10/565,446

Group Art Unit: 1609

Filed: January 20, 2006

Docket: 753-61 PCT/US

For: METHOD FOR PRODUCTION OF  
 $\alpha$ ,  $\beta$ -UNSATURATED AMIDE  
COMPOUNDS

Dated: June 29, 2007

Confirmation No.: 9882

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Dated: June 29, 2007

Signature: K.J. Goodhand/ *K.J. Goodhand*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

In reviewing the allegedly "Corrected Filing Receipt" for the above-referenced application, we noticed that several of the corrections requested by way of the Request for Corrected Filing Receipt which was filed on December 5, 2006, were not entered.

Application No.: 10/565,446  
Request for Corrected Filing Receipt dated June 29, 2007  
Docket No.: 753-61 PCT/US  
Page 2

In particular, the domestic priority data is still incorrectly listed as follows: "This application is a 371 of PCT/CH04/00408 06/29/2004". The domestic priority data should recite the following: --This application is a 371 of PCT/**CH2004/000408** 06/29/2004--.

Moreover, the title is incorrectly listed as follows: "Method for production alpha, beta-unsaturated amide compounds". The title should read as follows: "Method for production of alpha, beta-unsaturated amide compounds".

A copy of the filing receipt with the requested changes noted thereon is attached.

Enclosed is a copy of the cover page of WO 2005/007618 and a copy of the cover pages for the priority document, CH 01274/03, for International Application No. PCT/CH2004/000408, which both evidence the correct international application number. Also enclosed is a copy of the Preliminary Amendment which was filed with the application. The Preliminary Amendment also evidences the correct priority data. Additionally, enclosed is a copy of the first-page of the English-language translation of the application as previously filed which evidences the correct title.

In view of the above, correction of the Filing Receipt is respectfully requested. As the aforementioned errors were due to mistakes by the United States Patent and Trademark Office,

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Applicants respectfully submit that no fees are required to make these corrections. However, if any fees are required, please charge such fees to Deposit Account No. 08-2461.

If there are any questions with respect to this matter, please direct them to the undersigned.

Respectfully submitted,



Andrea M. Wilkovich  
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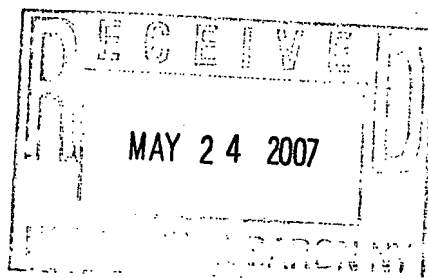


## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/565,446	07/13/2006	1609	1030	753-61 PCT/US	18	1

23869  
HOFFMANN & BARON, LLP  
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SYOSSET, NY 11791



CONFIRMATION NO. 9882  
CORRECTED FILING RECEIPT



\*OC000000023957553\*

Date Mailed: 05/18/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

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**Power of Attorney:** The patent practitioners associated with Customer Number 23869.

**Domestic Priority data as claimed by applicant** PCT/CH04/00408  
This application is a 371 of PCT/CH04/00408 06/29/2004

## Foreign Applications

SWITZERLAND 1274/03 07/21/2003

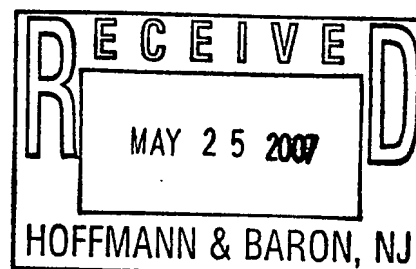
**If Required, Foreign Filing License Granted:** 09/04/2006

**The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is** US10/565,446

**Projected Publication Date:** Not Applicable

**Non-Publication Request:** No

**Early Publication Request:** No



**Title**

of  
X

Method for production of alpha, beta-unsaturated amide compounds

**Preliminary Class**

546

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Docket No.: 753-61 PCT/US

English Translation of International Application No.  
PCT/CH2004/000408 (International Publication No.  
WO 2005/007618). Express Mail Label No. EV 749 581 415 US

Method for production of  $\alpha,\beta$ -unsaturated amide compounds

The present invention relates to methods for producing  
 $\alpha,\beta$ -unsaturated amide compounds or methods for introducing  
5 an  $\alpha,\beta$ -unsaturated double bond in compounds, which contain  
an amide grouping by dehydrating the corresponding  
saturated amide bond in the  $\alpha,\beta$ -position.

The present invention relates to methods for production of  
10  $\alpha,\beta$ -unsaturated amide compounds having the general formula  
(I):



15 wherein

$R_1$  and  $R_2$  are independently hydrogen; optionally linear or  
branched ( $C_1$ - $C_{18}$ ) alkyl or ( $C_1$ - $C_{18}$ ) alkenyl substituted with  
hydroxy, halogen, phenyl, substituted phenyl or an ester  
group [ $-C(O)OAlkyl$ ] or an amide group [ $-C(O)NH_2$  or -  
20  $C(O)NHAlkyl$ ]; optionally phenyl substituted with halogen;  
or

$R_1$  or  $R_2$  is a group  $Y-R_6$ ; wherein

$Y$  is oxygen ( $-O-$ ); sulphur ( $-S-$ );  $-NR_7-$ ; or  
dialkylsilyloxy [ $-(alkyl)_2Si-O-$ ];

25  $R_6$  is hydrogen, linear or branched ( $C_1$ - $C_{18}$ ) alkyl  
substituted optionally with hydroxy, halogen, phenyl,

(12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES  
PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum  
Internationales Büro



(43) Internationales Veröffentlichungsdatum  
27. Januar 2005 (27.01.2005)

PCT

(10) Internationale Veröffentlichungsnummer  
**WO 2005/007618 A1**

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C07D 207/38, C07C 233/09

(21) Internationales Aktenzeichen: PCT/CH2004/000408

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29. Juni 2004 (29.06.2004)

(25) Einreichungssprache: Deutsch

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1274/03 21. Juli 2003 (21.07.2003) CH

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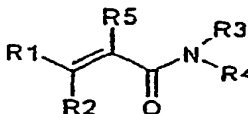
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— mit internationalem Recherchenbericht

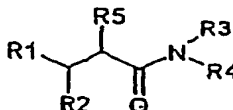
Zur Erklärung der Zweibuchstaben-Codes und der anderen Ab-  
kürzungen wird auf die Erklärungen ("Guidance Notes on Co-  
des and Abbreviations") am Anfang jeder regulären Ausgabe der  
PCT-Gazette verwiesen.

(54) Title: METHOD FOR PRODUCTION OF \$G(A), \$G(B)-UNSATURATED AMIDE COMPOUNDS

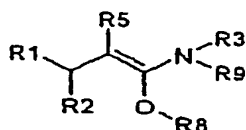
(54) Bezeichnung: VERFAHREN ZUR HERSTELLUNG VON  $\alpha$ ,  $\beta$ -UNGESÄTTIGTEN AMIDVERBINDUNGEN



(I)



(II)



(III)

(57) Abstract: The invention relates to a  
method for production of  $\alpha,\beta$ -unsaturated  
amide compounds of general formula  
(I): whereby (A) a protective group is  
introduced into a molecule of general  
formula (II) to give a compound of formula  
(III), (B) the compound obtained is reacted  
in the presence of (i) a dehydrogenation  
catalyst and (ii) a suitable oxidation agent  
and (C) the protective groups are removed.

(57) Zusammenfassung: Verfahren zur  
Herstellung von  $\alpha$ ,  $\beta$ -ungesättigten Amidverbindungen der allgemeinen Formel (I): indem man (A) in einer Verbindung der  
allgemeinen Formel (II) : Schutzgruppen einführt, so dass eine Verbindung der allgemeinen Formel (III) entsteht : (B) die erhaltene  
Verbindung in Gegenwart (i) eines Dehydrierungskatalysators und (ii) eines geeigneten Oxidationsmittels, umsetzt, und (C) die  
Schutzgruppen entfernt.

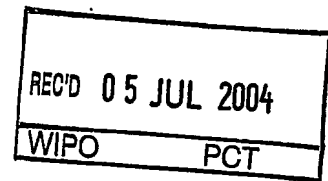
WO 2005/007618 A1





PCT/CH 2004/000408

SCHWEIZERISCHE EIDGENOSSENSCHAFT  
CONFÉDÉRATION SUISSE  
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### Bescheinigung

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Bern, 29. Juni 2004

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Patentverfahren  
Administration des brevets  
Amministrazione dei brevetti

*H. Jenni*  
Heinz Jenni

**Hinterlegungsbescheinigung zum Patentgesuch Nr. 01274/03 (Art. 46 Abs. 5 PatV)**

Das Eidgenössische Institut für Geistiges Eigentum bescheinigt den Eingang des unten näher bezeichneten schweizerischen Patentgesuches.

Titel:

alpha-beta-ungesättigten Amidverbindungen und Verfahren zu deren Herstellung.

Patentbewerber:

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Untere Brühlstrasse 4

4800 Zofingen

Vertreter:

Braun & Partner Patent-, Marken-, Rechtsanwälte

Reussstrasse 22

CH-4054 Basel

Anmeldedatum: 21.07.2003

Voraussichtliche Klassen: C07C